



EBH5241

HDcctv 1080p IR IP66 Ball Camera

The EBH5241 is an HDcctv IR ball type camera with true Day/Night capability and 60+ foot IR range in an IP66 vandal resistant housing. Based on a 1/2.8" Sony 2.43 megapixel progressive scan sensor and 3.6mm megapixel lens for HD 1080p resolution 100% digital images, it delivers vastly superior video quality compared to traditional CCTV images. This superior resolution not only captures more critical evidentiary information, but the inherent ability for megapixel video also extends the area of coverage, expedites completion of investigations, resolves complaints and reduces both capital and operational costs. Designed with 20 long life IR LEDs and 4X SENS-UP low light enhancement technology, the EBH5241 captures images at 60feet or more in zero light without ghosting.

This highly advanced imaging system also incorporates state of the art optical enhancement technologies: Lens Shading Correction compensates to eliminate artificial shadows caused by attenuation of light as it traverses the outer portions of the lens; Polestar SENS-UP light low enhancement to extend the effective IR range without ghosting

combines with Digital Noise Reduction (DNR) to maximize image clarity while conserving DVR disk storage space. The EBH5241 is available with your choice of black or white housing color to blend or contrast with your environment as desired.

No major upgrade to the IT network is required to deploy this powerful technology; HDcctv cameras communicate at digital speeds up to 1.5Gb/s over existing or new coaxial cable (RG59 or other types for longer distances), using industry standard BNC connectors. With its full time NTSC/analog secondary output to allow convenient aim and focus using a standard hand held test monitor, easy to mount removable base plate, 3-axis positioning and 74° wide horizontal viewing angle megapixel lens the EBH5241 delivers flexible, robust coverage in a wide range of low or no light surveillance applications while delivering stunning HD image quality.

Features

- HDcctv 2.1 Megapixel real time 1920x1080 HD video over coax for superlative image detail
- HDcctv video output of 1080p30 plus SD TV out for aim and focus using standard hand held test monitor
- 3.6mm megapixel lens captures a 74° wide horizontal field of view
- Enhanced low light sensitivity through sensitivity increase setting of 4x
- True day/night operation with motorized IR cut filter
- Twenty long life IR LEDs provide a range of over 60 feet
- Provides 2D DNR to improve picture clarity while enabling DVRs to improve disk storage utilization
- Three-axis turret style housing for flexible mounting and positioning; removable based is easily attached
- Separate lock ring conveniently fixes position; set screw increases vandal resistance
- Weather resistant with IP66 rating for outdoor applications
- Vandal Resistant to prevent tampering and damage
- Lens Shading Compensation offsets diminished light transmission through lens periphery for uniform image illumination
- Dead pixel compensation for increased clarity and extended service life

Pickup Device	1/2.8" Sony Exmor 2.43 Megapixel Color Progressive CMOS sensor
Image Pixels	1920(H)x1080(V) with 2.8μx 2.8μ pixel size
HDcctv Image Area Dimensions	5.38mm (H) x 3.02 mm(W); ø 6.17 mm area diagonal
Sensitivity	0 lux (IR On)
S/N Ratio	More than 50dB
Video Format Main Output	HDcctv
Video Resolution/Mode Main Output	1080p30 (1920x1080)
Main Output Connector	BNC-F
Video Format Test Output	NTSC
Test Output Connector	BNC-F
Lens Type	3.6mm Megapixel Lens
FOV Angle	74°Horizontal ; Vertical 46°; Diagonal 81°
IR LEDs	20
IR Range	Over 64 feet
D/N Mode	Auto; True Day/Night operation with motorized IR cut filter
Exposure Control	Auto Electronic Shutter
SENS-UP	Low light boost 4X
Lens Shading Compensation	On
Auto Gain Control	Max
Auto White Balance	ATW
DNR	2D - Medium
Language	English
Dead Pixel Compensation	On
Operating Temperature	-10°C~50°C ; 14°F~122°F
Environmental	IP66
Certifications	FCC/CE

Ordering Information

EBH5241W: HDcctv 1080p 3.6mm IP66 IR Ball camera, 12VDC White

EBH5241W: HDcctv 1080p 3.6mm IP66 IR Ball camera, 12VDC Black